

Uploading images to IBM Container Registry

The screenshot shows the IBM Cloud console interface. On the left, there's a sidebar with a clock showing 03:35:39, a 'CLOSE SESSION' button, and a list of instances. The main area displays a container instance with IP 192.168.0.18, 32.83% CPU usage, and 1.282GiB / 3.906GiB memory. Below this, there's a terminal window showing the output of a Docker build command. The build fails with the error: 'unable to prepare context: path "new." not found'. The terminal also shows the Docker login process, which is successful.

```
docker push 060502/ubuntu
Using default tag: latest
The push refers to repository [docker.io/060502/ubuntu]
f14670a63b4: Preparing
denied: requested access to the resource is denied
[root@192.168.0.18 ~]#
$ docker build -t new
"docker build" requires exactly 1 argument.
See "docker build --help".

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile
[root@192.168.0.18 ~]#
$ docker build -t 060502/ubuntu new.
unable to prepare context: path "new." not found
[root@192.168.0.18 ~]#
$ docker build -t 060502/ubuntu new
unable to prepare context: path "new" not found
[root@192.168.0.18 ~]#
$ docker build -t 060502/ubuntu new .
"docker build" requires exactly 1 argument.
See "docker build --help".

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile
[root@192.168.0.18 ~]#
$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: pakkallasumathi
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
[root@192.168.0.18 ~]#
$ docker pull jobrecommender
Invalid reference format: repository name must be lowercase
[root@192.168.0.18 ~]#
$ docker pull jobrecommender
Using default tag: latest
Error response from daemon: pull access denied for jobrecommender, repository does not exist or may require 'docker login': denied: requested access to the resource is denied
[root@192.168.0.18 ~]#
$ docker pull sandeepdodigani/jobportalapp
Using default tag: latest
latest: Pulling from sandeepdodigani/jobportalapp
0e29546d541c: Pulling fs layer
8a29e78a52a: Pulling fs layer
cb3b7ae36172: Pulling fs layer
6494e4811622: Pulling fs layer
649274896d2a: Pull complete
9e3b1213e4c5: Pull complete
9fd4fd56334: Pull complete
404f0204bacc: Pull complete
c14f42e2ae53: Pull complete
294c00cd64e: Pull complete
86df5f9c7be4: Pull complete
b0a57d407333: Pull complete
86d74d1345d: Pull complete
778a951e5719: Pull complete
Digest: sha256:e8590bc8f5d2e2f285536f570fe45a5fec2893ebfd146f5aa63d0de9f9b4d24
Status: Downloaded newer image for sandeepdodigani/jobportalapp:latest
```

This screenshot shows the same IBM Cloud console interface as the first one, but with a different terminal output. The terminal shows the Docker build command failing again with the same error: 'unable to prepare context: path "new." not found'. It then shows the Docker login process, which is successful. Finally, it shows the Docker pull command for 'sandeepdodigani/jobportalapp', which is successful and downloads a newer image.

```
$ docker build -t 060502/ubuntu new.
unable to prepare context: path "new." not found
[root@192.168.0.18 ~]#
$ docker build -t 060502/ubuntu new
unable to prepare context: path "new." not found
[root@192.168.0.18 ~]#
$ docker build -t 060502/ubuntu new .
"docker build" requires exactly 1 argument.
See "docker build --help".

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile
[root@192.168.0.18 ~]#
$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: pakkallasumathi
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
[root@192.168.0.18 ~]#
$ docker pull jobrecommender
Invalid reference format: repository name must be lowercase
[root@192.168.0.18 ~]#
$ docker pull jobrecommender
Using default tag: latest
Error response from daemon: pull access denied for jobrecommender, repository does not exist or may require 'docker login': denied: requested access to the resource is denied
[root@192.168.0.18 ~]#
$ docker pull sandeepdodigani/jobportalapp
Using default tag: latest
latest: Pulling from sandeepdodigani/jobportalapp
0e29546d541c: Pulling fs layer
8a29e78a52a: Pulling fs layer
cb3b7ae36172: Pulling fs layer
6494e4811622: Pulling fs layer
649274896d2a: Pull complete
9e3b1213e4c5: Pull complete
9fd4fd56334: Pull complete
404f0204bacc: Pull complete
c14f42e2ae53: Pull complete
294c00cd64e: Pull complete
86df5f9c7be4: Pull complete
b0a57d407333: Pull complete
86d74d1345d: Pull complete
778a951e5719: Pull complete
Digest: sha256:e8590bc8f5d2e2f285536f570fe45a5fec2893ebfd146f5aa63d0de9f9b4d24
Status: Downloaded newer image for sandeepdodigani/jobportalapp:latest
```

03:35:00

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.18

node1

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

[node1] (local) root@192.168.0.18 ~

\$ docker login

Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to <https://hub.docker.com> to create one.

Username: pakkallasamathi

Password:

WARNING! Your password will be stored unencrypted in /root/.docker/config.json.

Configure a credential helper to remove this warning. See

<https://docs.docker.com/engine/reference/commandline/login/#credentials-store>

Login Succeeded

[node1] (local) root@192.168.0.18 ~

\$ docker pull jobrecommender

invalid reference format: repository name must be lowercase

[node1] (local) root@192.168.0.18 ~

\$ docker pull jobrecommender

Using default tag: latest

Error response from daemon: pull access denied for jobrecommender, repository does not exist or may require 'docker login': denied: requested access to the resource is denied

[node1] (local) root@192.168.0.18 ~

\$ docker pull sandeepdodigani/jobportalapp

Using default tag: latest

latest: Pulling from sandeepdodigani/jobportalapp

0e28e46d41e: Pulling fs layer

9b829c73b52b: Pulling fs layer

cb5b7ae36172: Pulling fs layer

6494e4811622: Pulling fs layer

629f74896d4f: Pull complete

5e3b1213efcb: Pull complete

9fd4fde56334: Pull complete

4046020448ae: Pull complete

c4f42be2e53: Pull complete

296c00cd64e: Pull complete

86df5f9c7be4: Pull complete

3ba574d07333: Pull complete

96d74d4156fd: Pull complete

778a551e5719: Pull complete

Digest: sha256:a830dc0f532af2f285336f5706f49a5fcd2893bd4146f5ae3d0e9f3bd24

Status: Downloaded newer image for sandeepdodigani/jobportalapp:latest

docker.io/sandeepdodigani/jobportalapp:latest

[node1] (local) root@192.168.0.18 ~

\$ docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
060502/ubuntu	latest	a8780b506fa4	2 weeks ago	77.6MB
ubuntu	latest	a8780b506fa4	2 weeks ago	77.6MB
sandeepdodigani/jobportalapp	latest	c641e39c3ed	3 months ago	1.08GB

[node1] (local) root@192.168.0.18 ~

\$

29°C Partly sunny

11:06 AM
11/19/2022